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TRANSMITTAL FORM

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		Application Number	10/613,268
		Filing Date	07-03-2003
		First Named Inventor	Elan Yugeswaren
		Art Unit	3663
		Examiner Name	Scott Hughes
Total Number of Pages in This Submission	182	Attorney Docket Number	PAT028US

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
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Appl. No. 10/613,268
Docket No. PAT028US

PATENT



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION:
ELAN YOGESWAREN

§ EXAMINER: Scott Hughes

SERIAL NO. 10/613,268

§
§

CONFIRMATION NO. 4930

§
§

GROUP ART UNIT: 3663

FILED: July 3, 2003

§
§

FOR: Matching Layer Assembly For A
Downhole Acoustic Sensor

§
§

Commissioner for Patents
P. O. Box 1450
Alexandria, Virginia 22313-1450

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Pursuant to Applicant's duty, under 37 C.F.R. § 1.56, 1.97 and 1.98, to disclose all relevant material, the Applicant lists below the following references believed to be relevant to the subject matter of the above-identified application:

U.S. PATENT APPLICATIONS

	<u>Publication No.</u>	<u>Publication Date</u>	<u>Inventor</u>
1.	2002/0062992 A1	05-30-2002	Fredericks et al.
2.	2002/0096363 A1	07-25-2002	Evans et al.
3.	2002/0113717 A1	08-22-2002	Tang et al.
4.	2003/0002388 A1	01-02-2003	Mandal
5.	2003/0018433 A1	01-23-2003	Blanch et al.
6.	2003/0058739 A1	03-27-2003	Hsu et al.
7.	2003/0106739 A1	06-12-2003	Arian et al.
8.	2003/0114987 A1	06-19-2003	Edwards et al.

9.	2003/0123326 A1	07-03-2003	Wisniewski et al.
10.	2003/0137302 A1	07-24-2003	Clark et al.
11.	2003/0137429 A1	07-24-2003	Clark et al.
12.	2003/0139884 A1	07-24-2003	Blanch et al.
13.	2003/0141872 A1	07-31-2003	Clark et al.
14.	2003/0150262 A1	08-14-2003	Han et al.
15.	2003/0167126 A1	09-04-2003	Horne et al.

U.S. PATENTS

	<u>Patent No.</u>	<u>Issue Date</u>	<u>Inventor</u>
1.	3,381,267	07-26-1966	Cubberly, Jr., et al.
2.	3,493,921	02-03-1970	Johns
3.	3,770,006	11-06-1973	Sexton et al.
4.	3,792,429	02-12-1974	Patton et al.
5.	3,867,714	02-18-1975	Patton
6.	4,450,540	05-22-1984	Mallett
7.	4,543,648	09-24-1985	Hsu
8.	4,594,691	06-10-1986	Kimball et al.
9.	4,649,526	03-10-1987	Winbow et al.
10.	4,682,308	07-21-1987	Chung
11.	4,698,792	10-06-1987	Kurkjian et al.
12.	4,698,793	10-06-1987	Wu
13.	4,700,803	10-20-1987	Mallett et al.
14.	4,774,693	09-27-1988	Winbow et al.
15.	4,832,148	05-23-1989	Becker et al.

16.	4,855,963	08-08-1989	Winbow et al.
17.	4,872,526	10-10-1989	Wignall et al.
18.	5,207,331	06-25-1991	Winbow et al.
19.	5,036,945	08-06-1991	Hoyle et al.
20.	5,077,697	12-31-1991	Chang
21.	5,109,698	05-05-1992	Owen
22.	5,229,553	07-20-1993	Lester et al.
23.	5,265,067	11-23-1993	Chang
24.	5,278,805	01-11-1994	Kimball
25.	5,331,604	07-19-1994	Chang et al.
26.	5,387,767	02-07-1995	Aron et al.
27.	5,510,582	04-23-1996	Birchak et al.
28.	5,544,127	08-06-1996	Winkler
29.	5,644,186	07-01-1997	Birchak et al.
30.	5,661,696	08-25-1997	Kimball et al.
31.	5,678,643	10-21-1997	Robbins et al.
32.	5,726,951	03-10-1998	Birchak et al.
33.	5,753,812	05-19-1998	Aron et al.
34.	5,784,333	07-21-1998	Tang et al.
35.	5,808,963	09-15-1998	Esmersoy
36.	5,831,934	11-03-1998	Gill et al.
37.	5,852,587	12-22-1998	Kostek et al.
38.	5,899,958	05-04-1999	Dowell et al.
39.	5,936,913	08-10-1999	Gill et al.

40.	5,960,371	09-28-1999	Saito et al.
41.	6,067,275	05-23-2000	Sayers
42.	6,082,484	07-04-2000	Molz et al.
43.	6,088,294	07-11-2000	Leggett, III et al.
44.	6,102,152	08-15-2000	Masino et al.
45.	6,147,932	11-14-2000	Drumheller
46.	6,188,647-B1	02-13-2001	Drumheller
47.	6,208,585-B1	03-27-2001	Stroud
48.	6,308,137-B1	10-23-2001	Underhill et al.
49.	6,320,820-B1	11-20-2001	Gardner et al.
50.	6,405,136-B1	06-11-2002	Li et al.
51.	6,459,993-B1	10-01-2002	Valero et al.
52.	6,477,112-B1	11-05-2002	Tang et al.
53.	6,480,118-B1	11-12-2002	Rao
54.	6,535,458-B2	03-18-2003	Meehan
55.	6,543,281-B2	04-08-2003	Pelletier et al.
56.	6,568,486-B1	05-27-2003	George
57.	6,614,716-B2	09-02-2003	Plona et al.
58.	6,615,949-B1	09-09-2003	Egerev et al.
59.	6,618,322-B1	09-09-2003	Georgi
60.	6,625,541-B1	09-23-2003	Shenoy et al.
61.	6,654,688-B1	11-25-2003	Brie et al.
62.	6,671,380-B2	12-30-2003	Chang et al.

FOREIGN PATENT DOCUMENTS

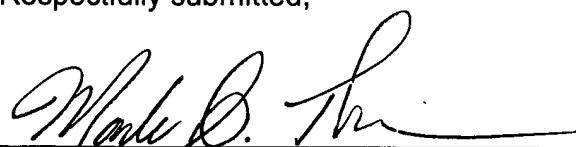
	<u>Foreign Patent No.</u>	<u>Publication Date</u>	<u>Patentee</u>
1.	CA2346546	11-22-2001	Schlumberger Canada
2.	EP0375549-A2	06-27-1990	Schlumberger Limited
3.	EP1158138-A2	11-28-2001	Schlumberger
4.	GB2381847-A	05-14-2003	Schlumberger Holdings Limited
5.	WO 00/72000-A1	11-30-2000	Baumoel et al.

Applicant respectfully submits that the invention in the above-identified application is patentably distinguishable over the cited references known to Applicant and disclosed in the above Supplemental Information Disclosure Statement.

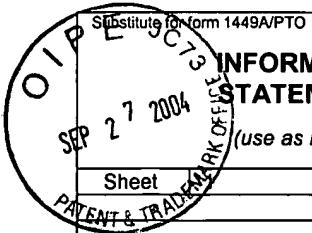
This Supplemental Information Disclosure Statement is being filed **after** three months following the filing date of this application, but **before** the first Office Action on the merits. 37 C.F.R. § 1.97(b).

Respectfully submitted,

Date: 9/21/04



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Substitute for Form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

<i>Complete if Known</i>	
Application Number	10/613,268
Filing Date	07-03-2003
First Named Inventor	Elan Yugeswaren
Art Unit	3663
Examiner Name	Scott Hughes
Attorney Docket Number	PAT028US

Sheet 1 of 3

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code (if known)				
AA	US-	20020062992-A1		05-30-2002	Fredericks et al.	
AB	US-	20020096363-A1		07-25-2002	Evans et al.	
AC	US-	20020113717-A1		08-22-2002	Tang et al.	
AD	US-	20030002388-A1		01-02-2003	Mandal	
AE	US-	20030018433-A1		01-23-2003	Blanch et al.	
AF	US-	20030058739-A1		03-27-2003	Hsu et al.	
AG	US-	20030106739-A1		06-12-2003	Arian et al.	
AH	US-	20030114987-A1		06-19-2003	Edwards et al.	
AI	US-	20030123326-A1		07-03-2003	Wisniewski et al.	
AJ	US-	20030137302-A1		07-24-2003	Clark et al.	
AK	US-	20030137429-A1		07-24-2003	Clark et al.	
AL	US-	20030139884-A1		07-24-2003	Blanch et al.	
AM	US-	20030141872-A1		07-31-2003	Clark et al.	
AN	US-	20030150262-A1		08-14-2003	Han et al.	
AO	US-	20030167126-A1		09-04-2003	Horne et al.	
AP	US-	3,381,267		07-26-1966	Cubberly, Jr., et al.	
AQ	US-	3,493,921		02-03-1970	Johns	
AR	US-	3,770,006		11-06-1973	Sexton et al.	
AS	US-	3,792,429		02-12-1974	Patton et al.	
AT	US-	3,867,714		02-18-1975	Patton	
AU	US-	4,450,540		05-22-1984	Mallett	
AV	US-	4,543,648		09-24-1985	Hsu	
AW	US-	4,594,691		06-10-1986	Kimball et al.	
AX	US-	4,649,526		03-10-1987	Winbow et al.	
AY	US-	4,682,308		07-21-1987	Chung	
AZ	US-	4,698,792		10-06-1987	Kurkjian et al.	
AAA	US-	4,698,793		10-06-1987	Wu	
AAB	US-	4,700,803		10-20-1987	Mallett et al.	
AAC	US-	4,774,693		09-27-1988	Winbow et al.	
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FOREIGN PATENT DOCUMENTS

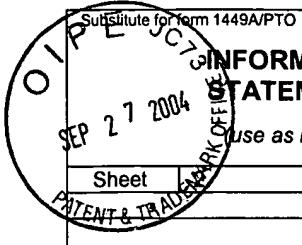
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AAE		CA2346546		11-22-2001	Schlumberger Canada		
AAF		EP0375549-A2		06-27-1990	Schlumberger Limited		
AAG		EP1158138-A2		11-28-2001	Schlumberger Limited		
AAH		GB2381847-A		05-14-2003	Schlumberger Holdings Limited		
AAI		WO0072000-A1		11-30-2000	Baumol et al.		

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	Date Considered	T ¹
Examiner Signature				

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Sheet

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Complete if Known	
Application Number	10/613,268
Filing Date	07-03-2003
First Named Inventor	Eian Yugeswaren
Art Unit	3663
Examiner Name	Scott Hughes
Attorney Docket Number	PAT023US

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		Number-Kind Code (if known)				
BA	US-	4,855,963		08-08-1989	Winbow et al.	
BB	US-	4,872,526		10-10-1989	Wignall et al.	
BC	US-	5,207,331		06-25-1991	Winbow et al.	
BD	US-	5,036,945		08-06-1991	Hoyle et al.	
BE	US-	5,077,697		12-31-1991	Chang	
BF	US-	5,109,698		05-05-1992	Owen	
BG	US-	5,229,553		07-20-1993	Lester et al.	
BH	US-	5,265,067		11-23-1993	Chang	
BI	US-	5,278,805		01-11-1994	Kimball	
BJ	US-	5,331,604		07-19-1994	Chang et al.	
BK	US-	5,387,767		02-07-1995	Aron et al.	
BL	US-	5,510,582		04-23-1996	Birchak et al.	
BM	US-	5,544,127		08-06-1996	Winkler	
BN	US-	5,644,186		07-01-1997	Birchak et al.	
BO	US-	5,661,696		08-25-1997	Kimball et al.	
BP	US-	5,678,643		10-21-1997	Robbins et al.	
BQ	US-	5,726,951		03-10-1998	Birchak et al.	
BR	US-	5,753,812		05-19-1998	Aron et al.	
BS	US-	5,784,333		07-21-1998	Tang et al.	
BT	US-	5,808,963		09-15-1998	Esmersoy	
BU	US-	5,831,934		11-03-1998	Gill et al.	
BV	US-	5,852,587		12-22-1998	Kostek et al.	
BW	US-	5,899,958		05-04-1999	Dowell et al.	
BX	US-	5,936,913		08-10-1999	Gill et al.	
BY	US-	5,960,371		09-28-1999	Saito et al.	
BZ	US-	6,067,275		05-23-2000	Sayers	
BBA	US-	6,082,484		07-04-2000	Molz et al.	
BBB	US-	6,088,294		07-11-2000	Leggett, III et al.	
BBC	US-	6,102,152		08-15-2000	Masino et al.	
BBD	US-	6,147,932		11-14-2000	Drumheller	

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